

FIG. 1

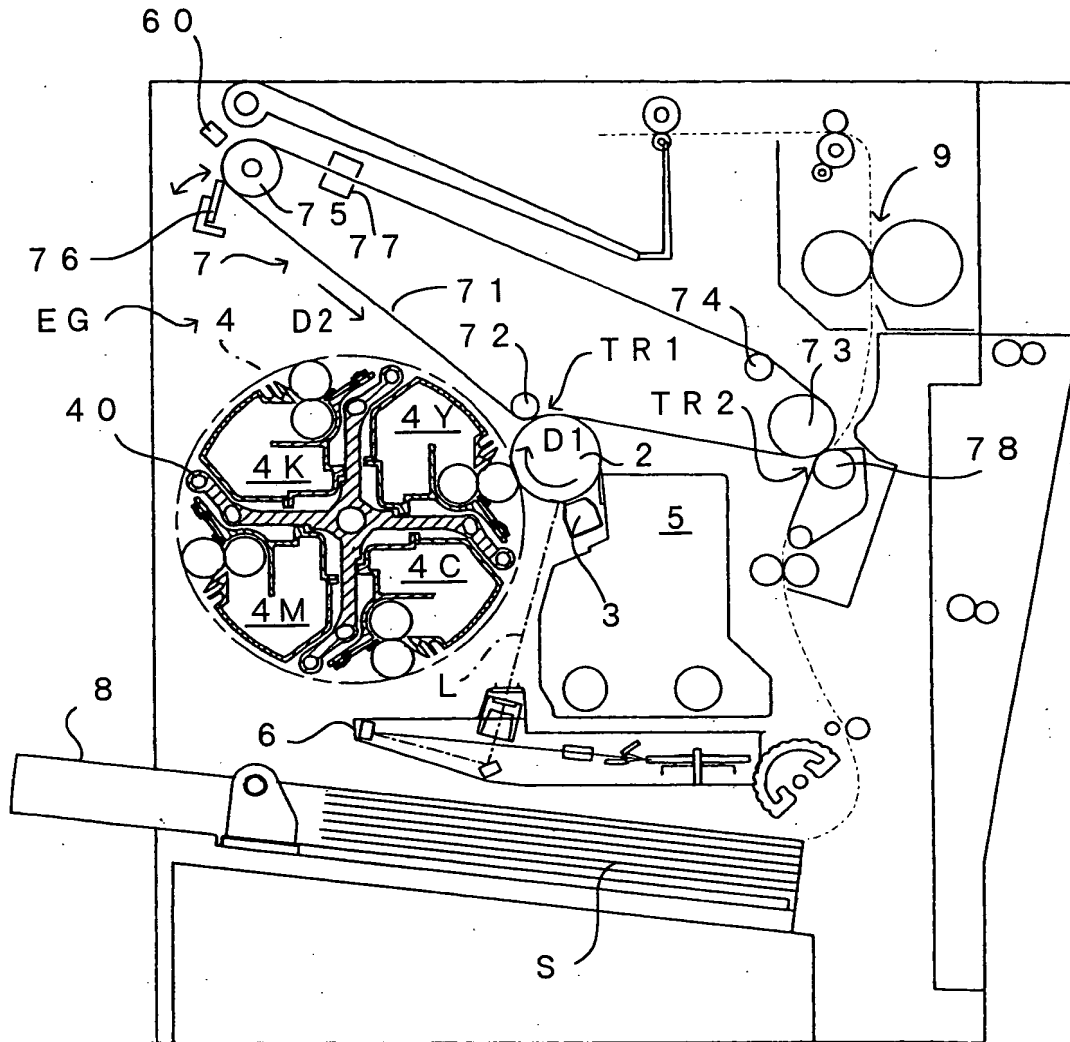


FIG. 2

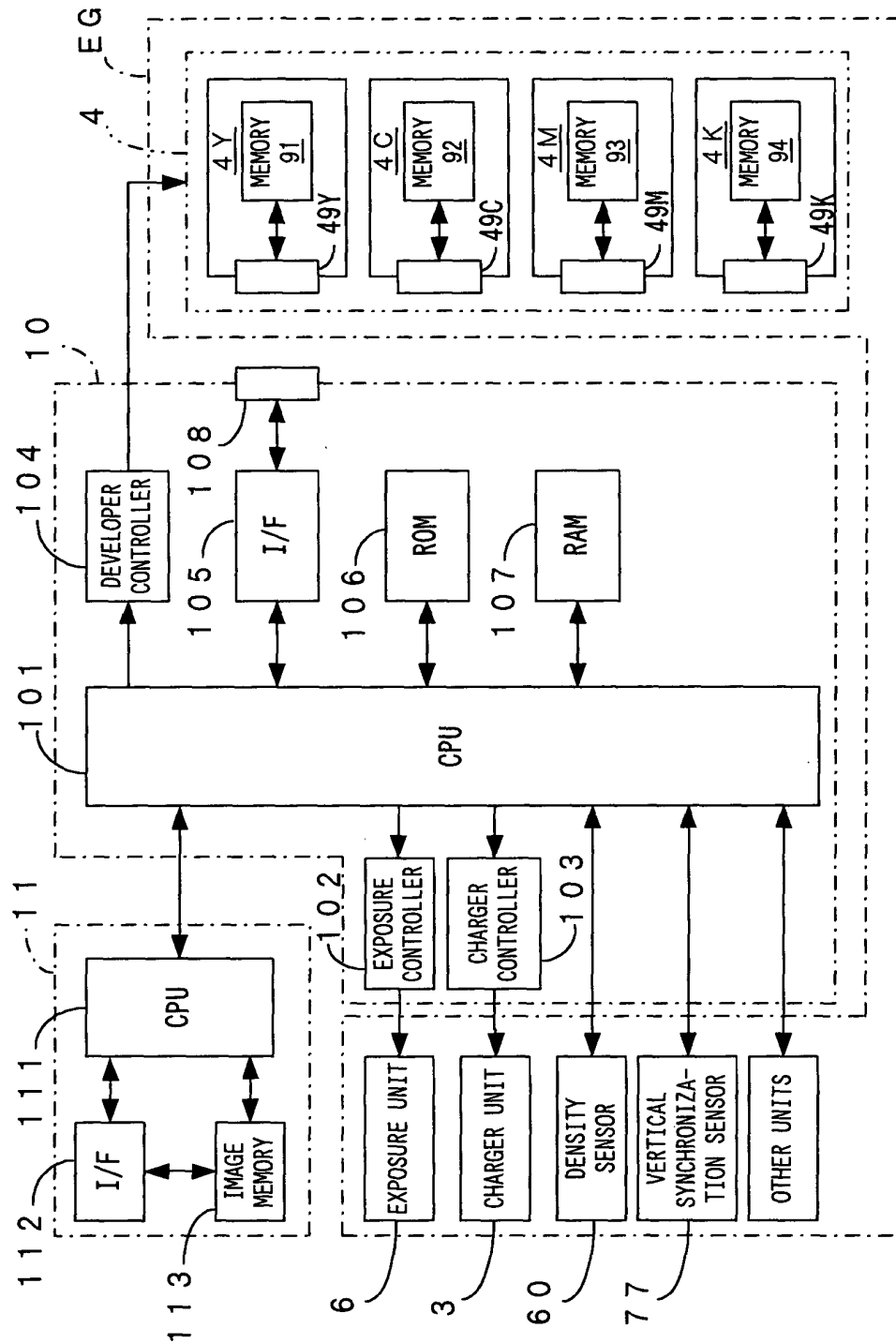


FIG. 3

4 K (4 C、4 M、4 Y)

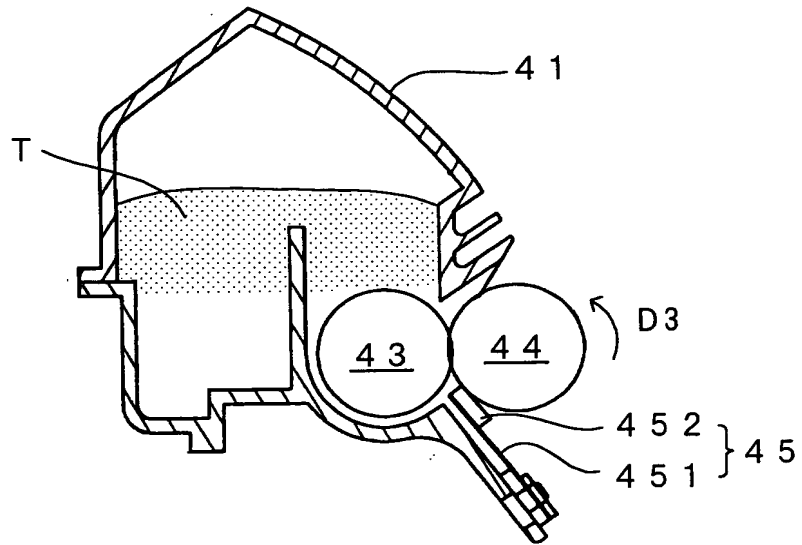


FIG. 4

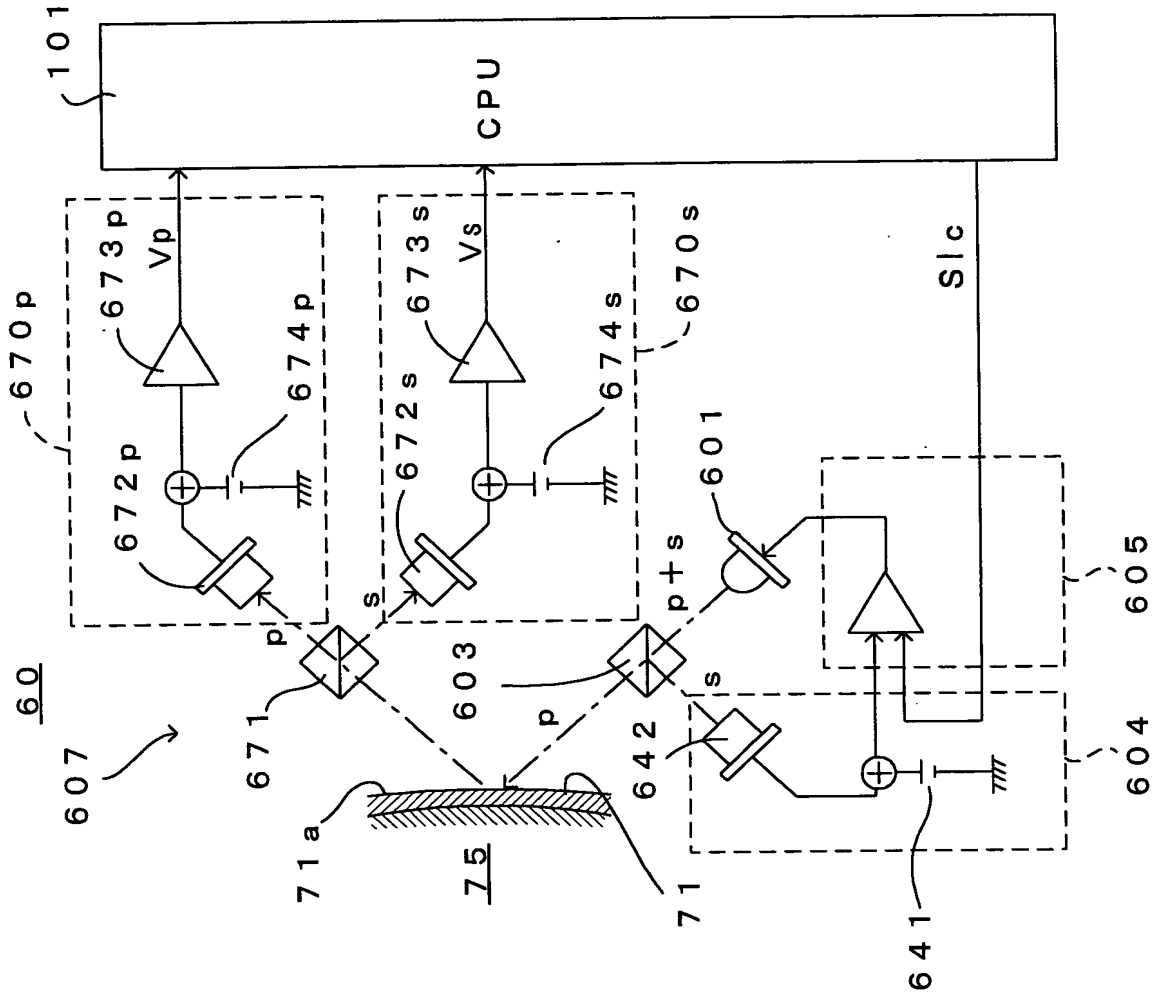


FIG. 5

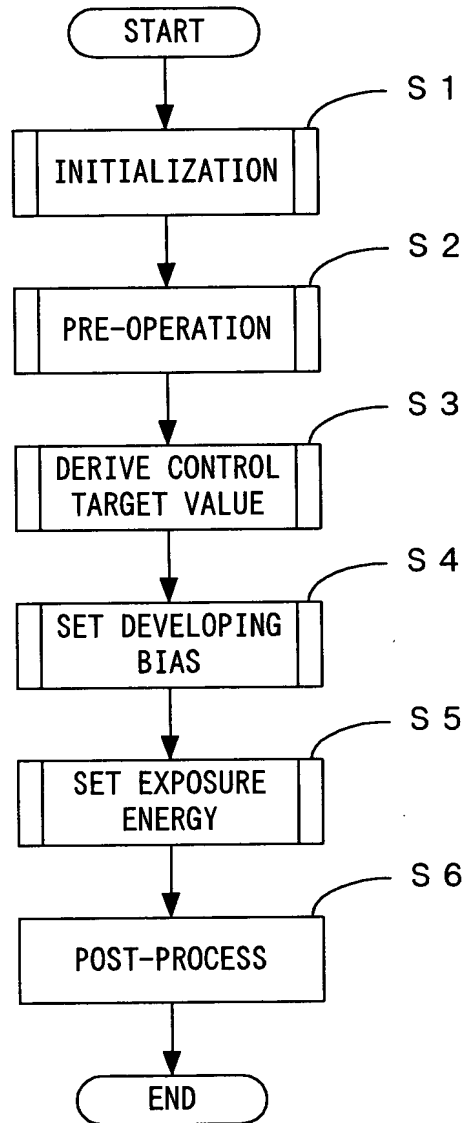


FIG. 6

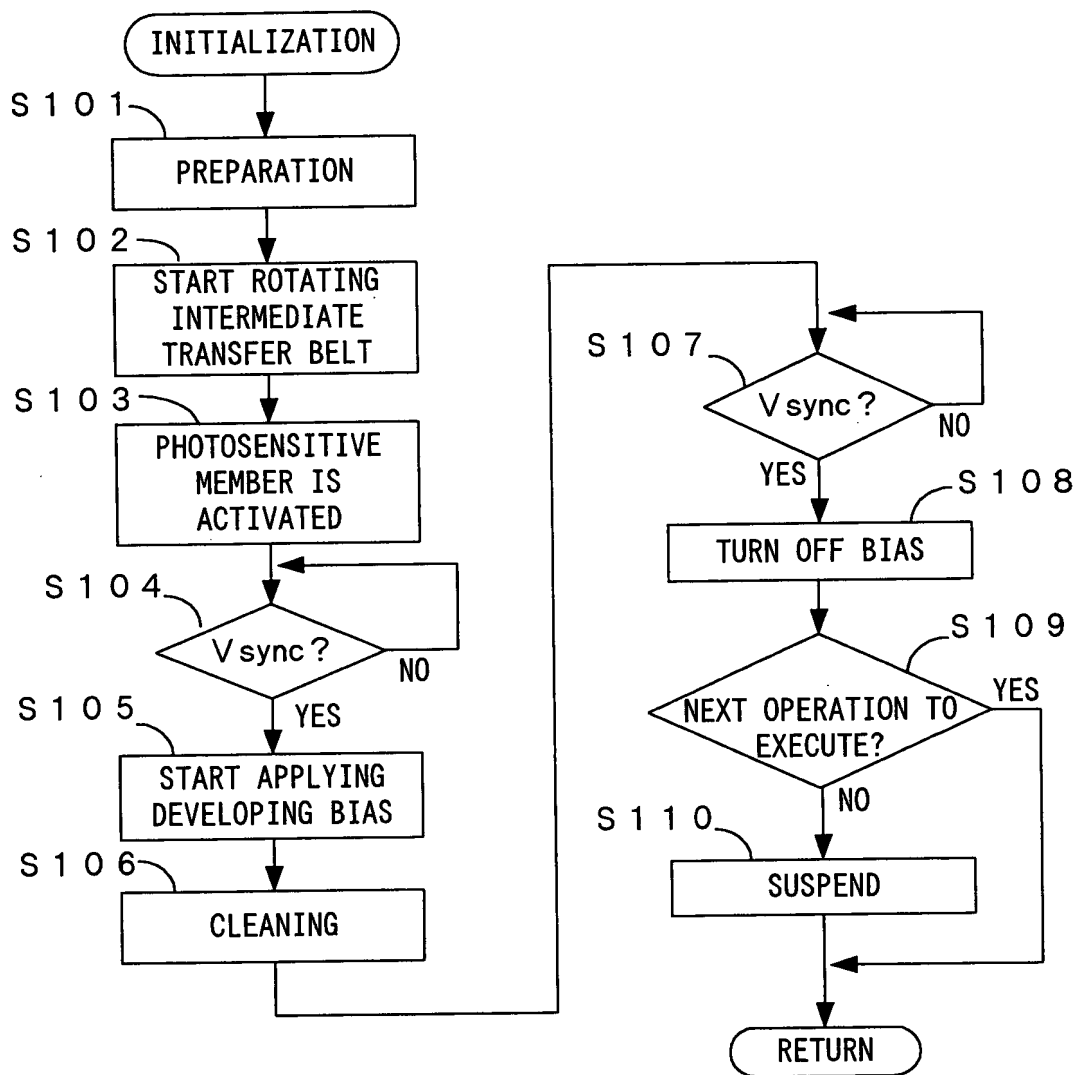


FIG. 7

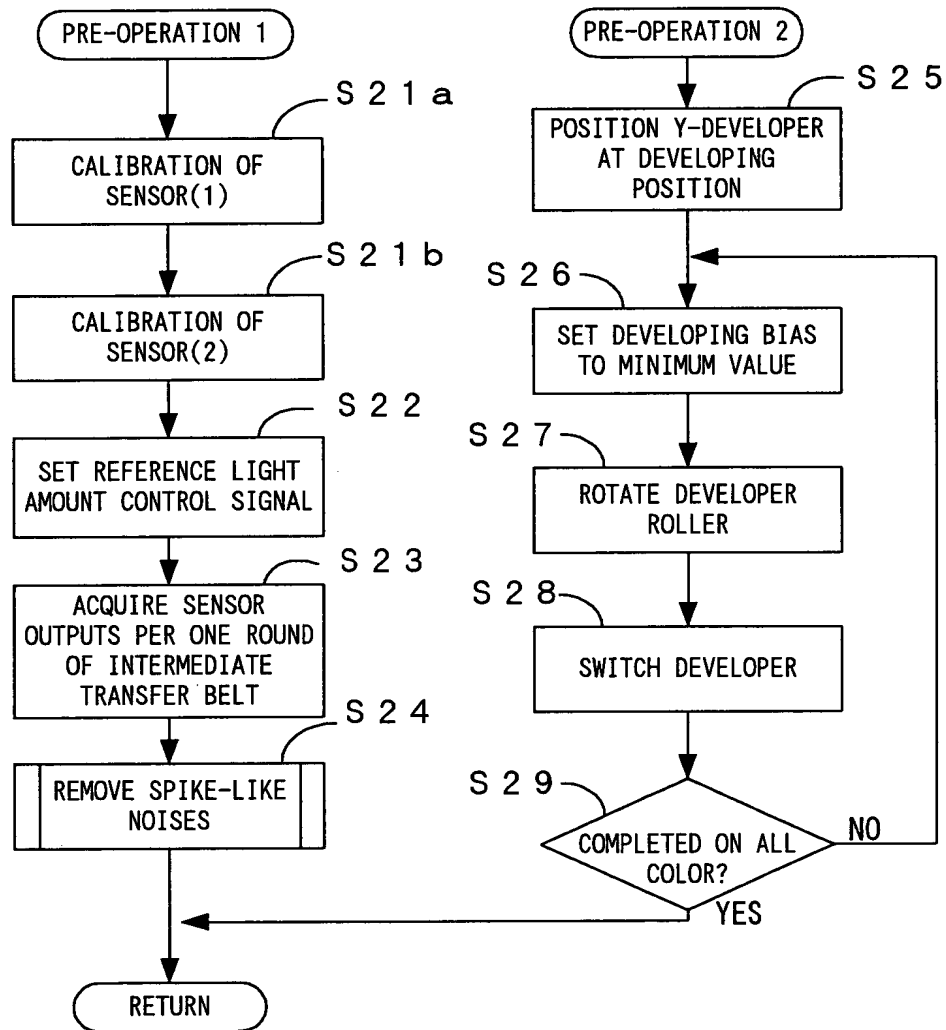


FIG. 8A

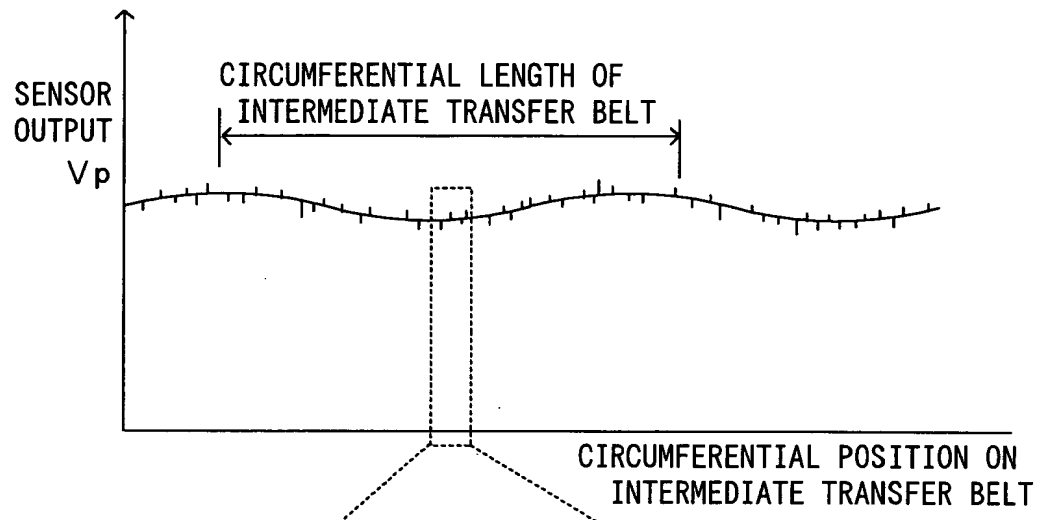


FIG. 8B

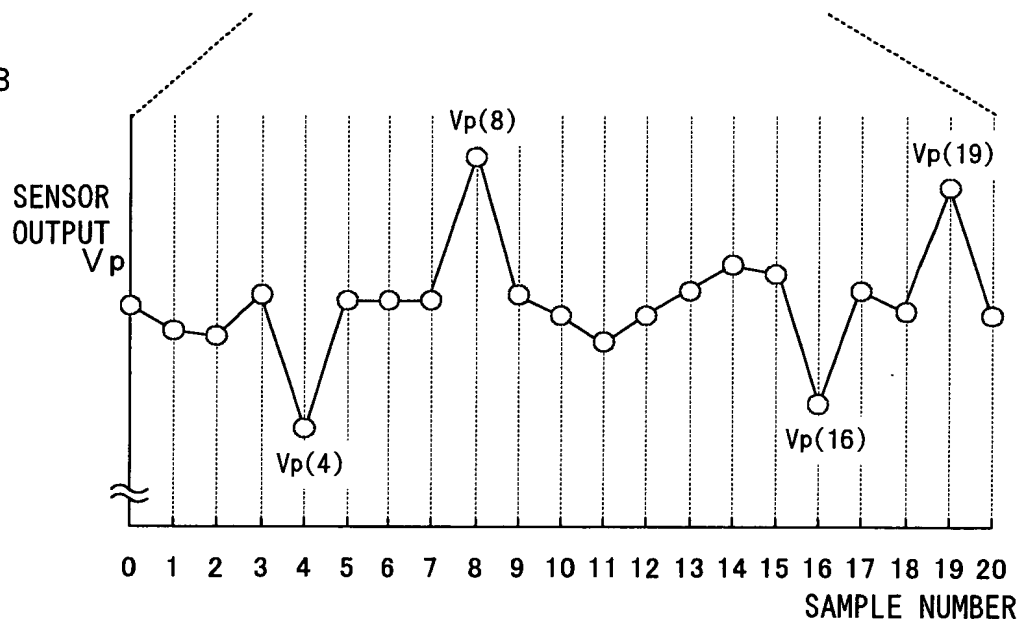




FIG. 9

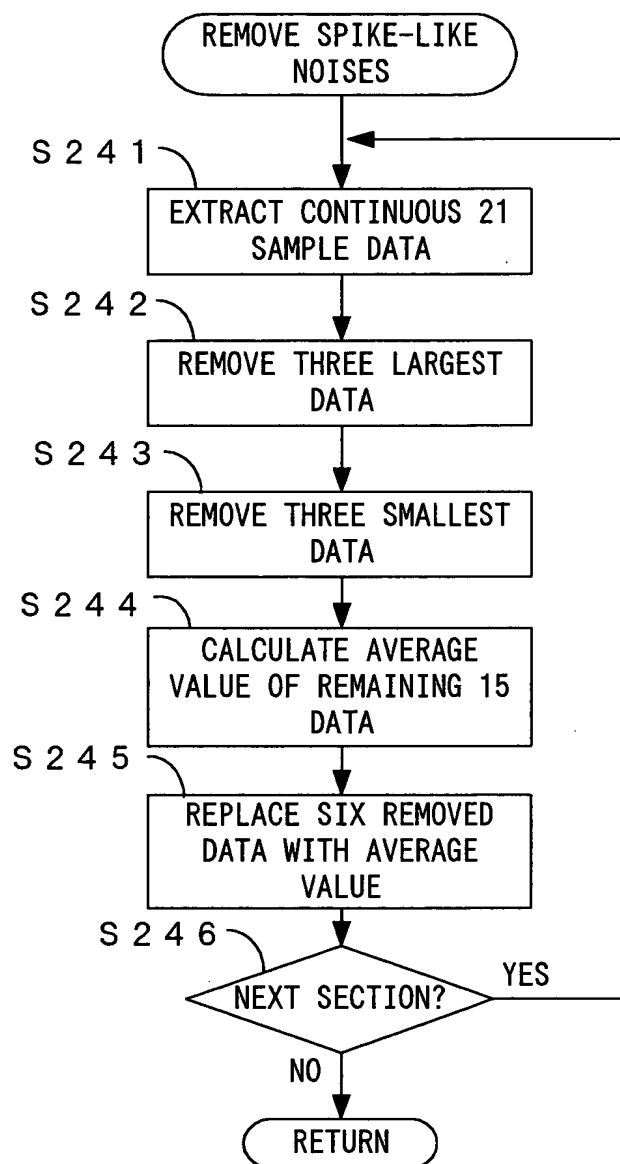


FIG. 10

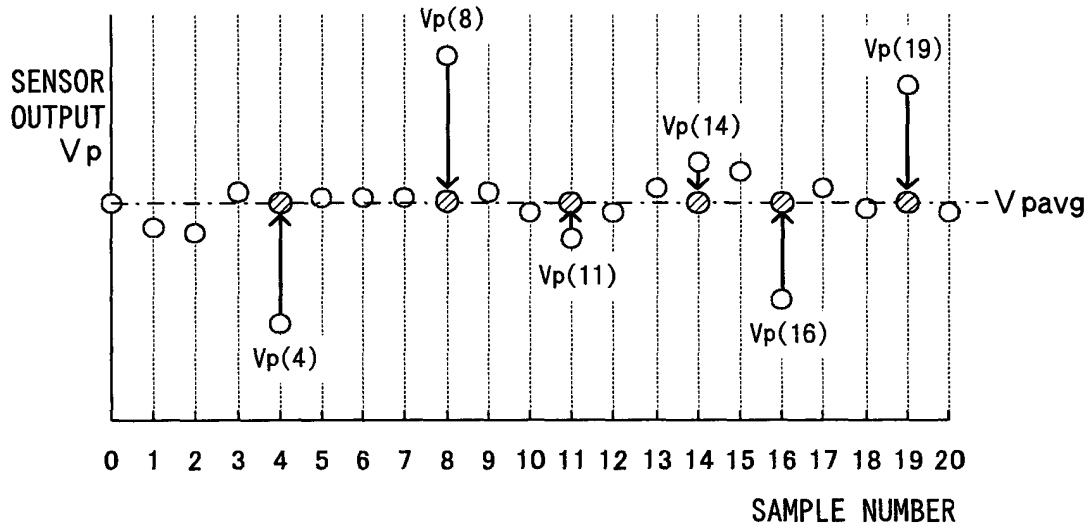


FIG. 11A

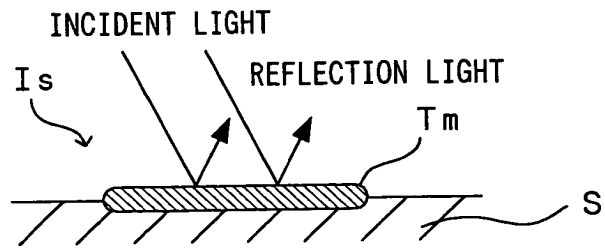


FIG. 11B

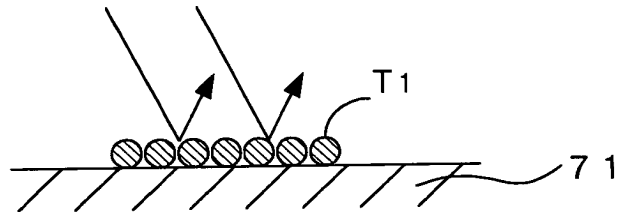


FIG. 11C

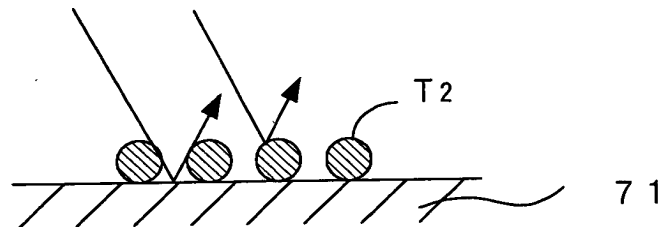


FIG. 12A

DISTRIBUTION OF PARTICLE DIAMETER

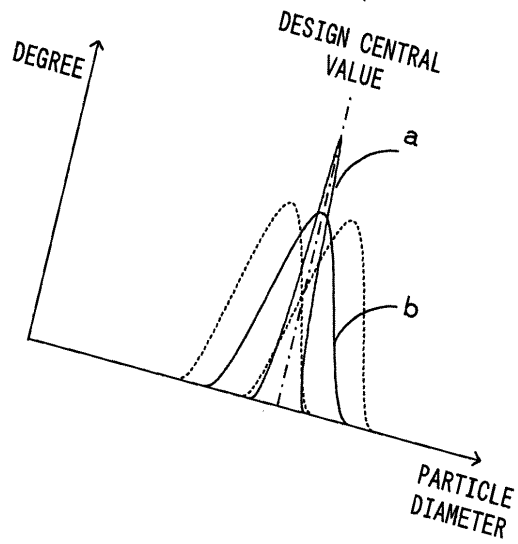


FIG. 12B

CHANGE IN OD VALUE

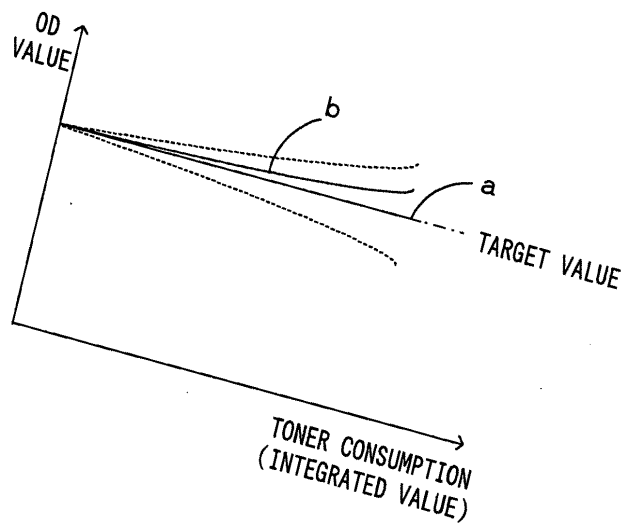


FIG. 13

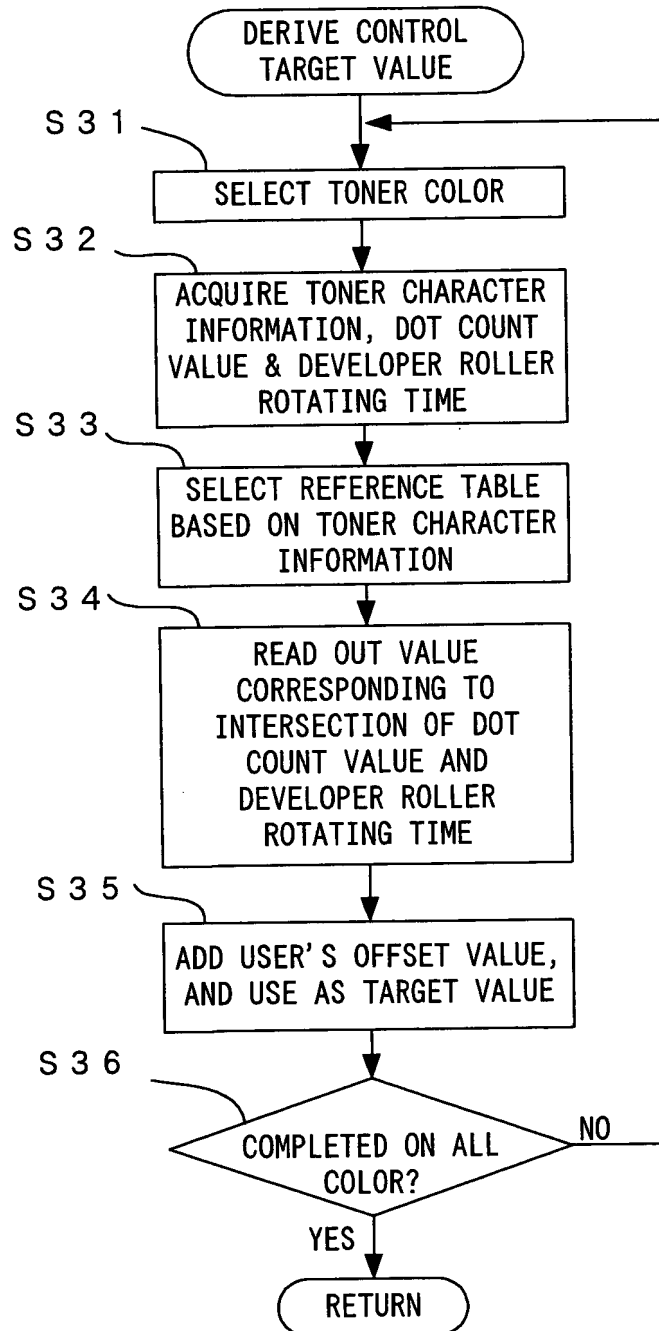


FIG. 14A HIGH-DENSITY PATCH IMAGE

| TONER CHARACTER<br>INFORMATION<br>="O" |           | DEVELOPER ROLLER ROTATING TIME(sec) |       |       |        |
|--|-----------|-------------------------------------|-------|-------|--------|
|  |           | ~1325                               | ~3975 | ~6625 | ~10600 |
| DOT<br>COUNT<br>VALUE                  | ~1000000  | 0.990                               | 0.988 | 0.984 | 0.982  |
|  | ~2000000  | 0.988                               | 0.984 | 0.982 | 0.982  |
|  | ~6666666  | 0.984                               | 0.982 | 0.982 | 0.982  |
|  | ~12000000 | 0.982                               | 0.982 | 0.982 | 0.982  |

FIG. 14B LOW-DENSITY PATCH IMAGE

| TONER CHARACTER<br>INFORMATION<br>="O" |           | DEVELOPER ROLLER ROTATING TIME(sec) |       |       |        |
|--|-----------|-------------------------------------|-------|-------|--------|
|  |           | ~1325                               | ~3975 | ~6625 | ~10600 |
| DOT<br>COUNT<br>VALUE                  | ~1000000  | 0.185                               | 0.182 | 0.181 | 0.180  |
|  | ~2000000  | 0.182                               | 0.181 | 0.180 | 0.180  |
|  | ~6666666  | 0.181                               | 0.180 | 0.180 | 0.180  |
|  | ~12000000 | 0.180                               | 0.180 | 0.180 | 0.180  |

FIG. 15

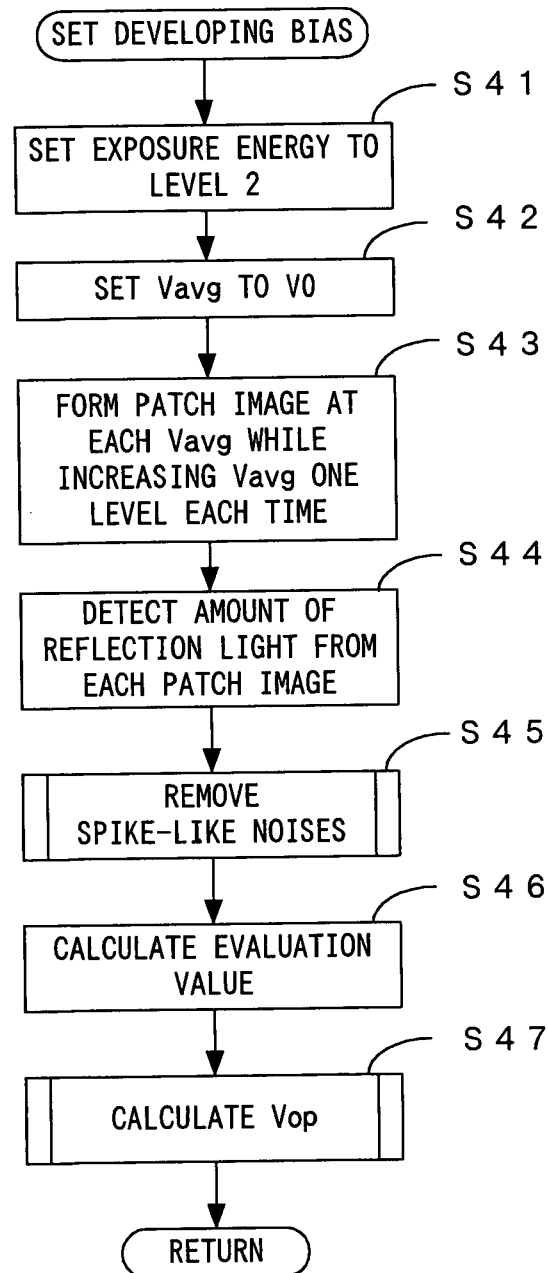


FIG. 16

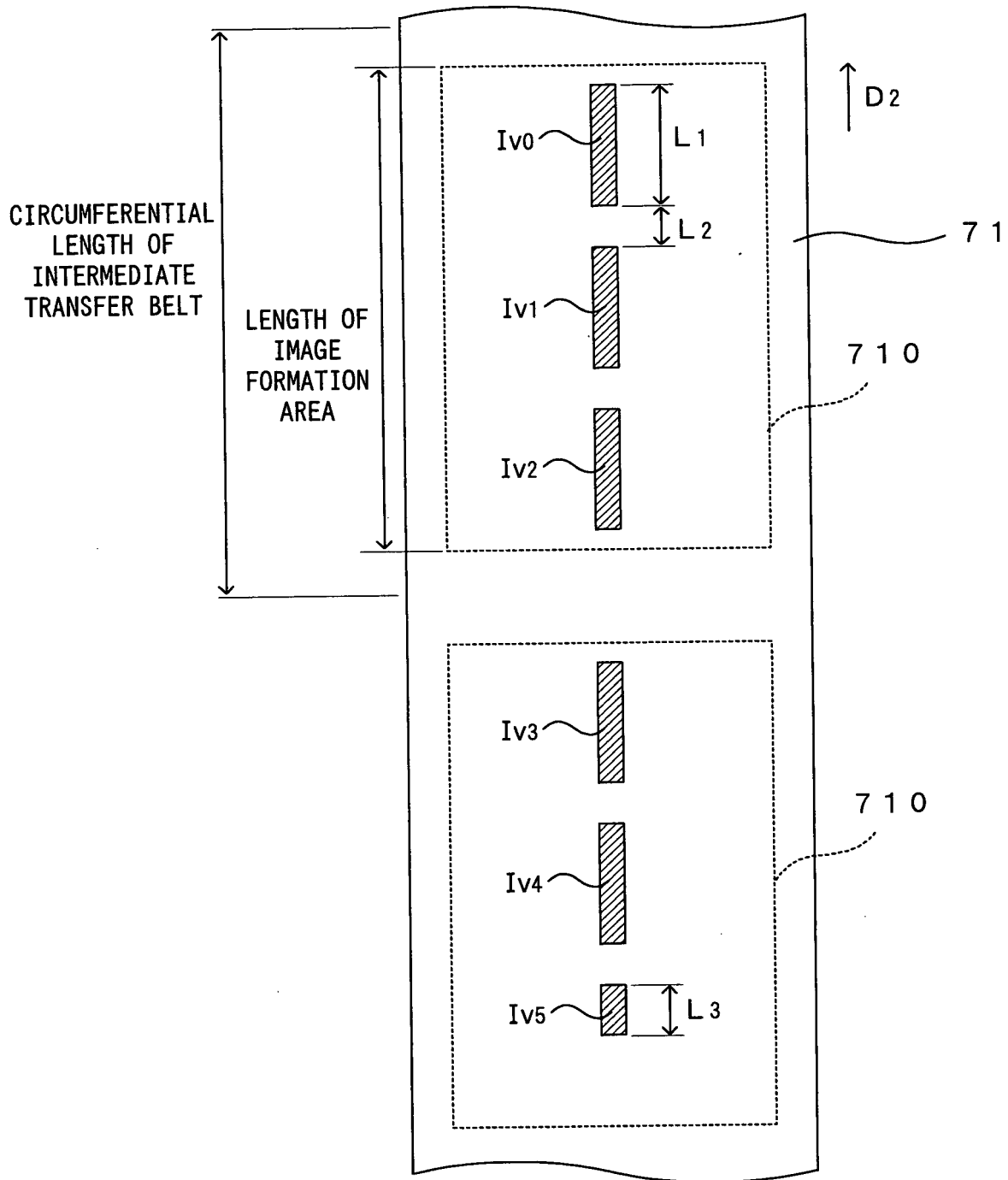




FIG. 17A

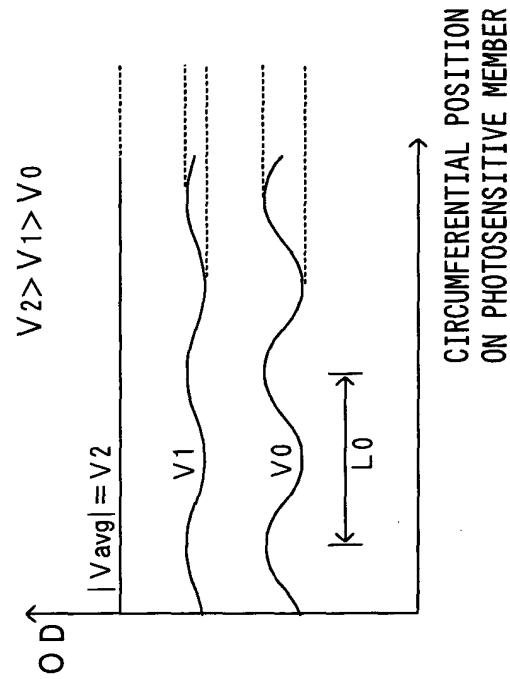
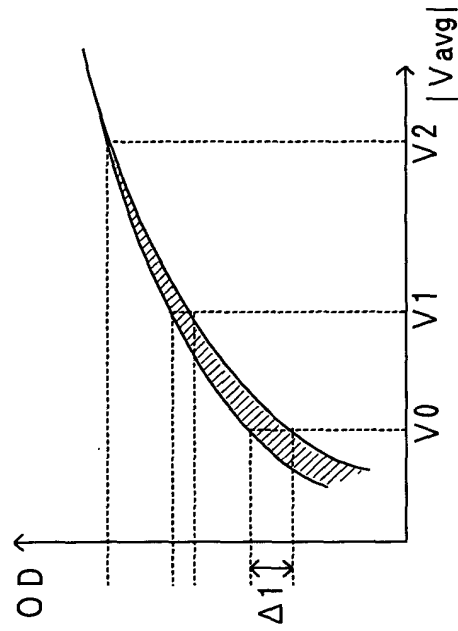


FIG. 17B



F I G . 1 8

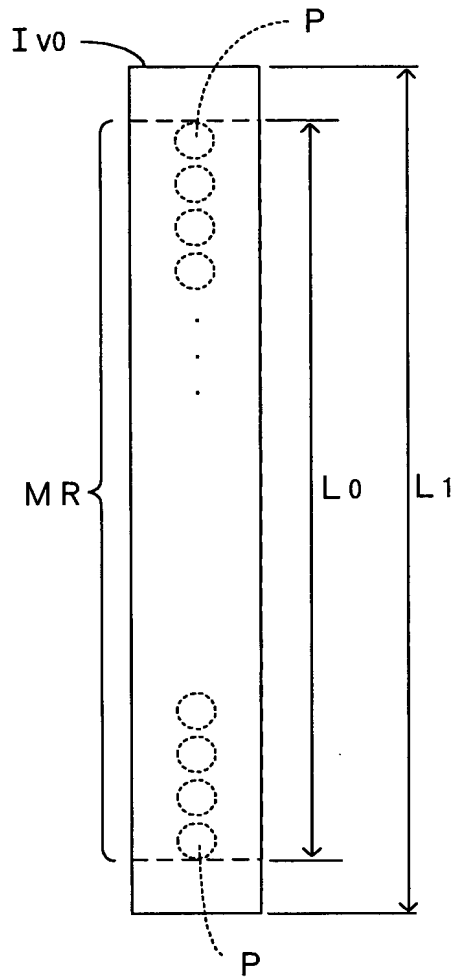


FIG. 19

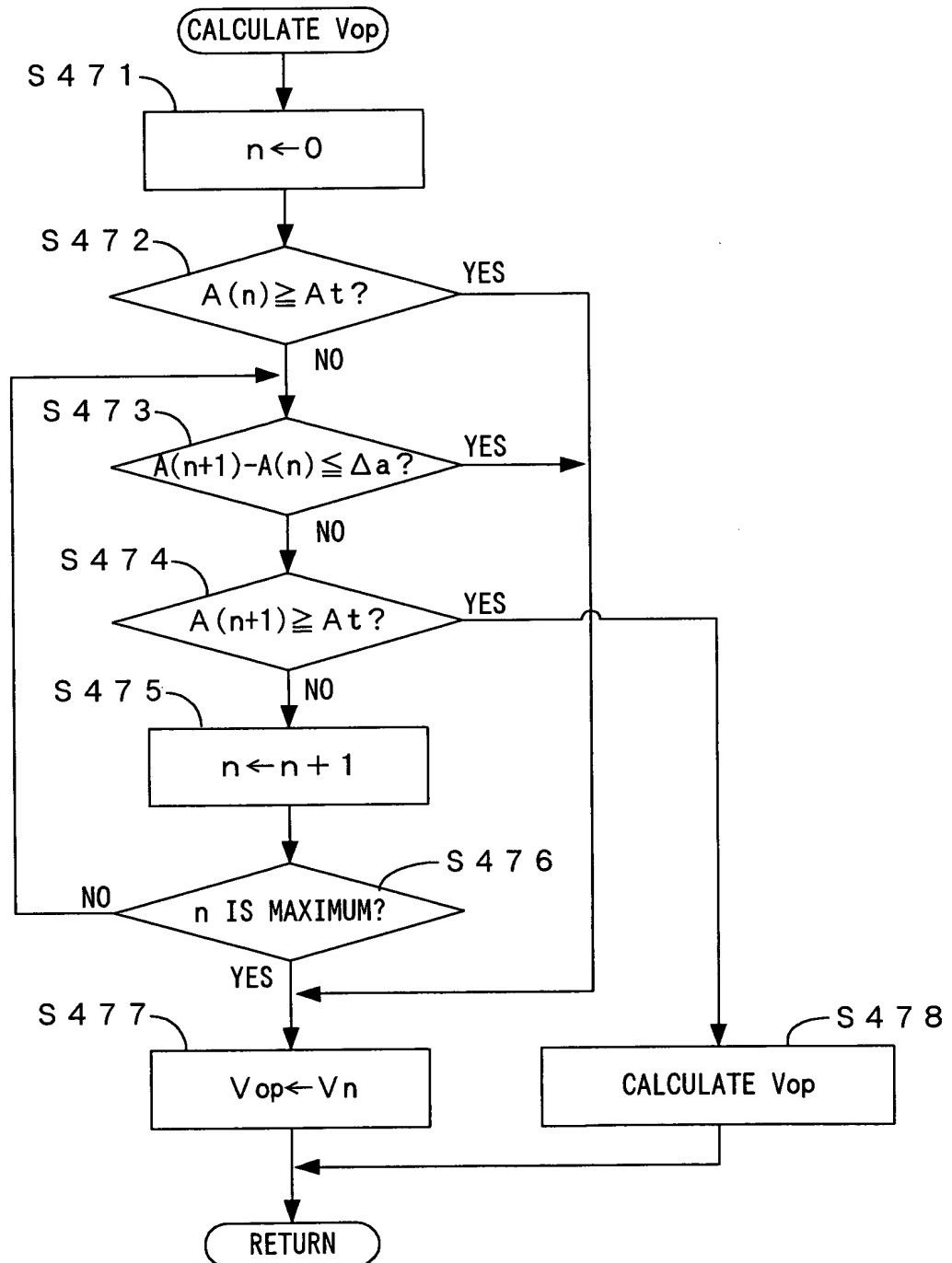


FIG. 20

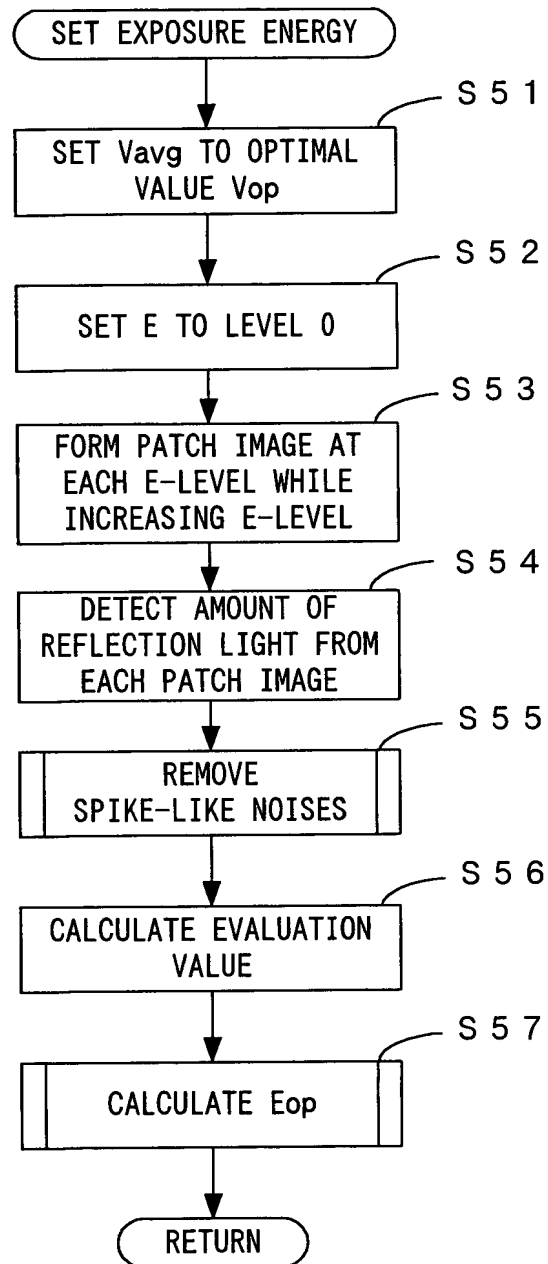


FIG. 21

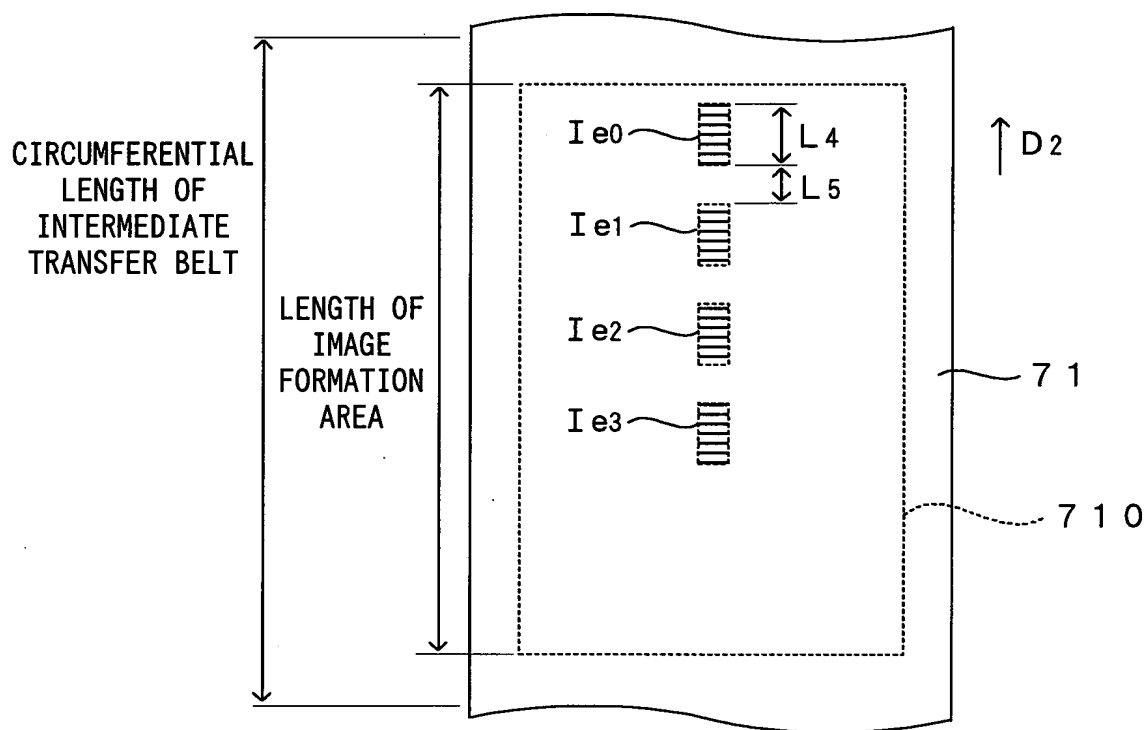


FIG. 22

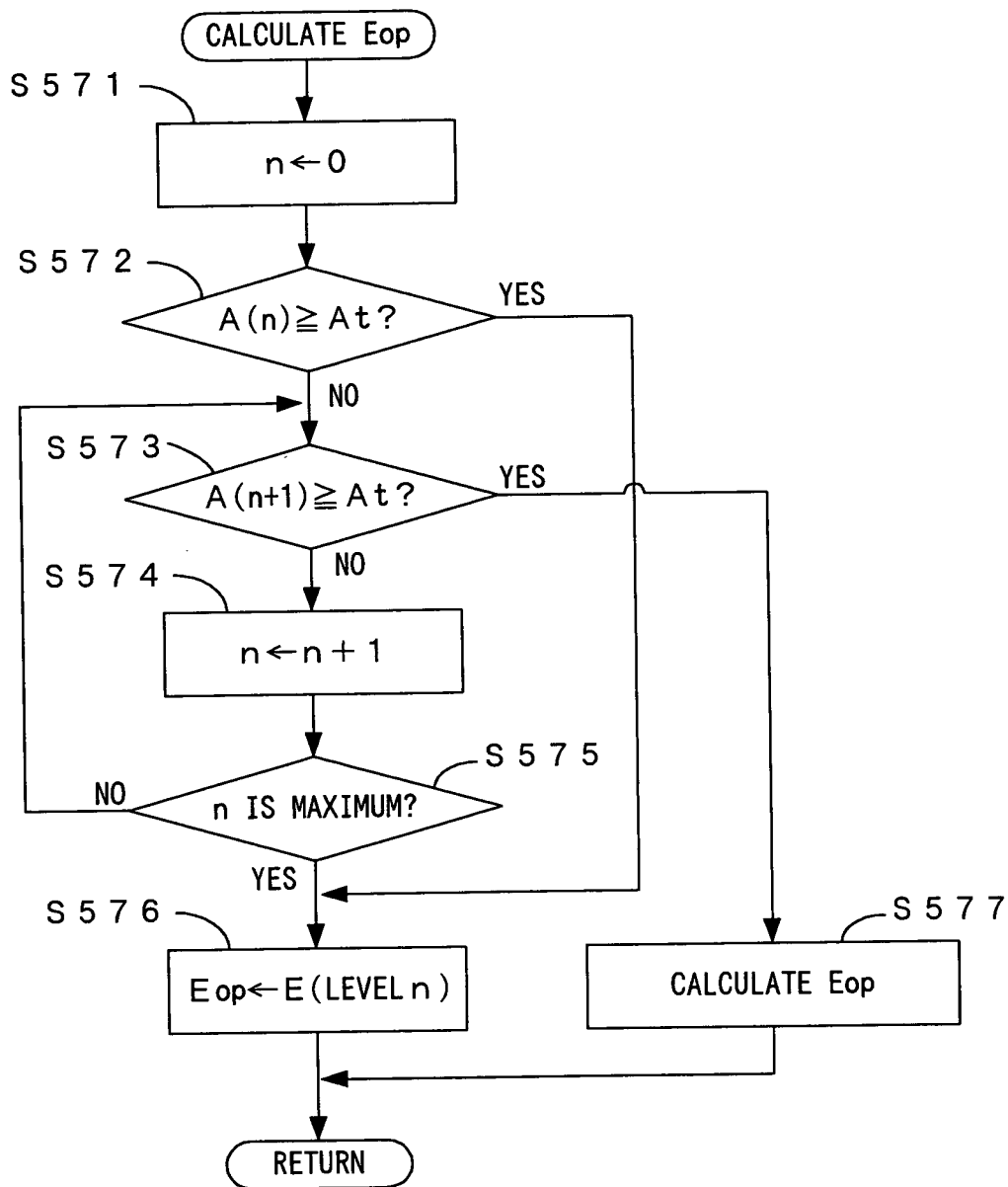


FIG. 23

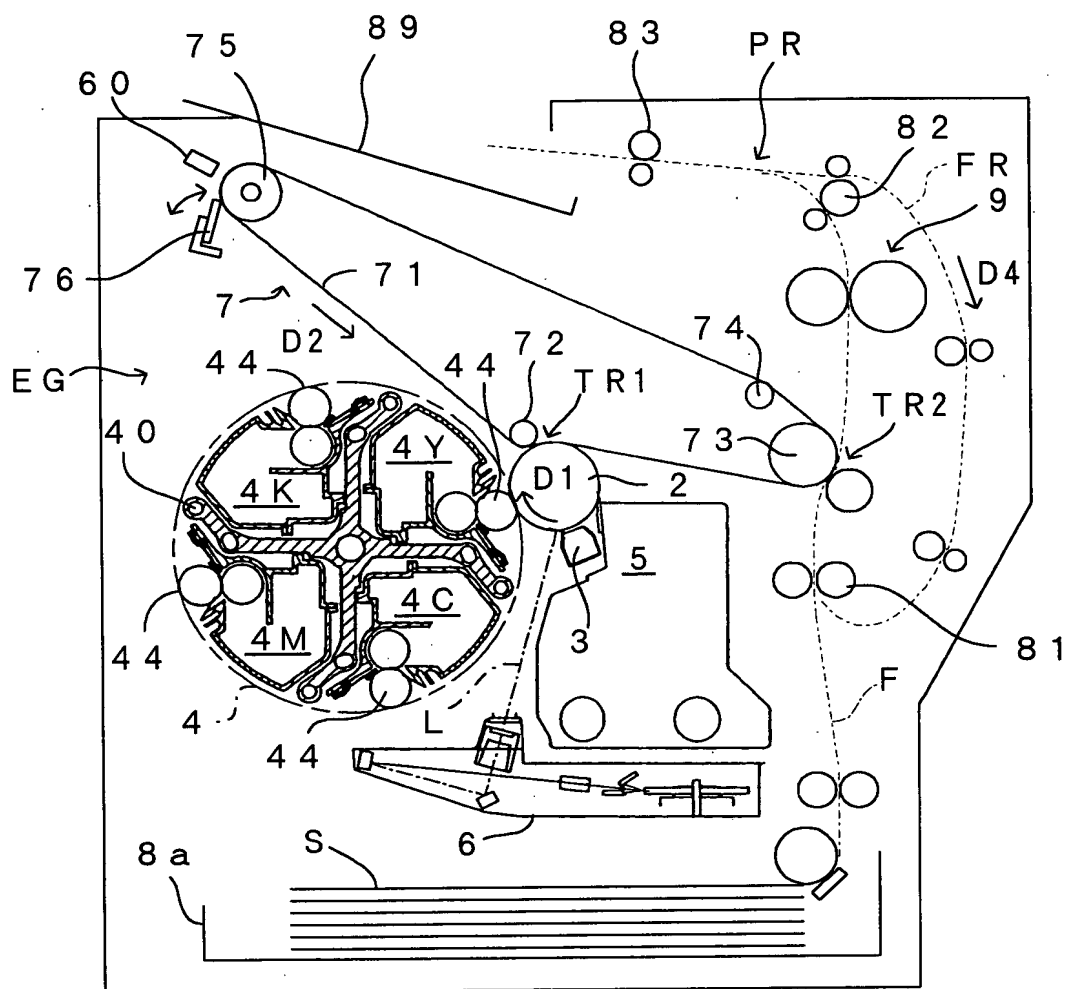


FIG. 24

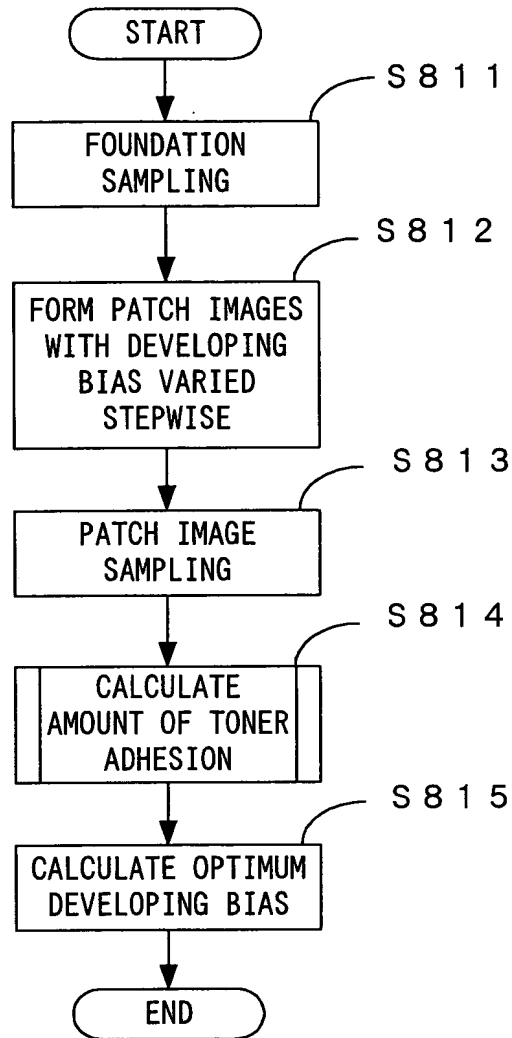




FIG. 25A

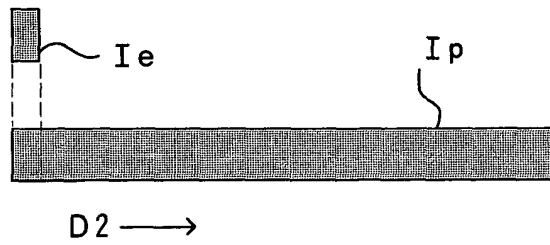


FIG. 25B

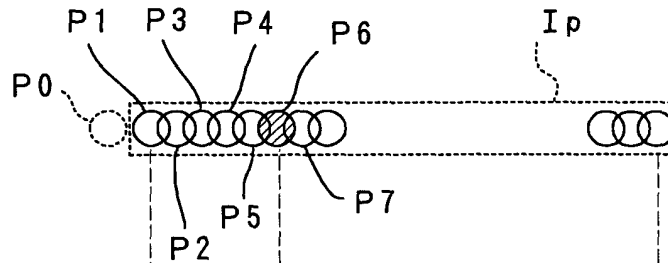


FIG. 25C

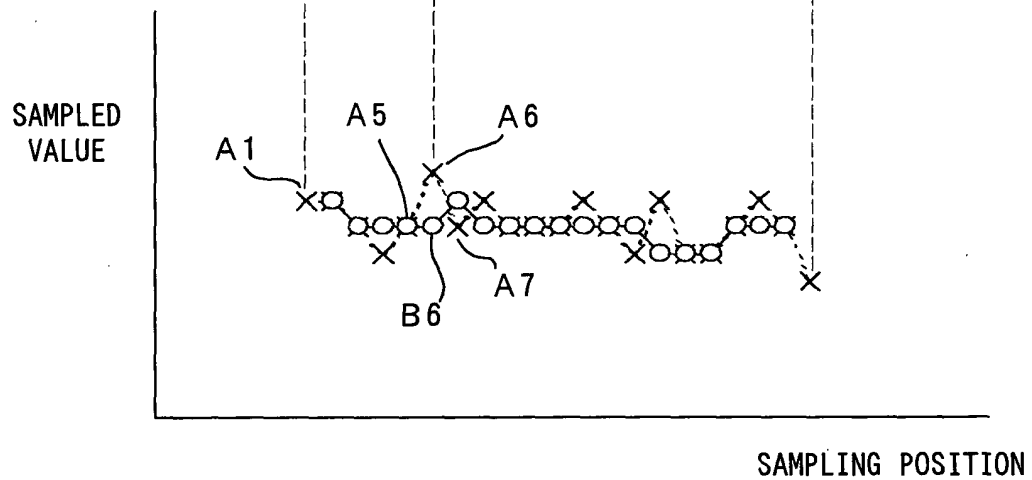


FIG. 26

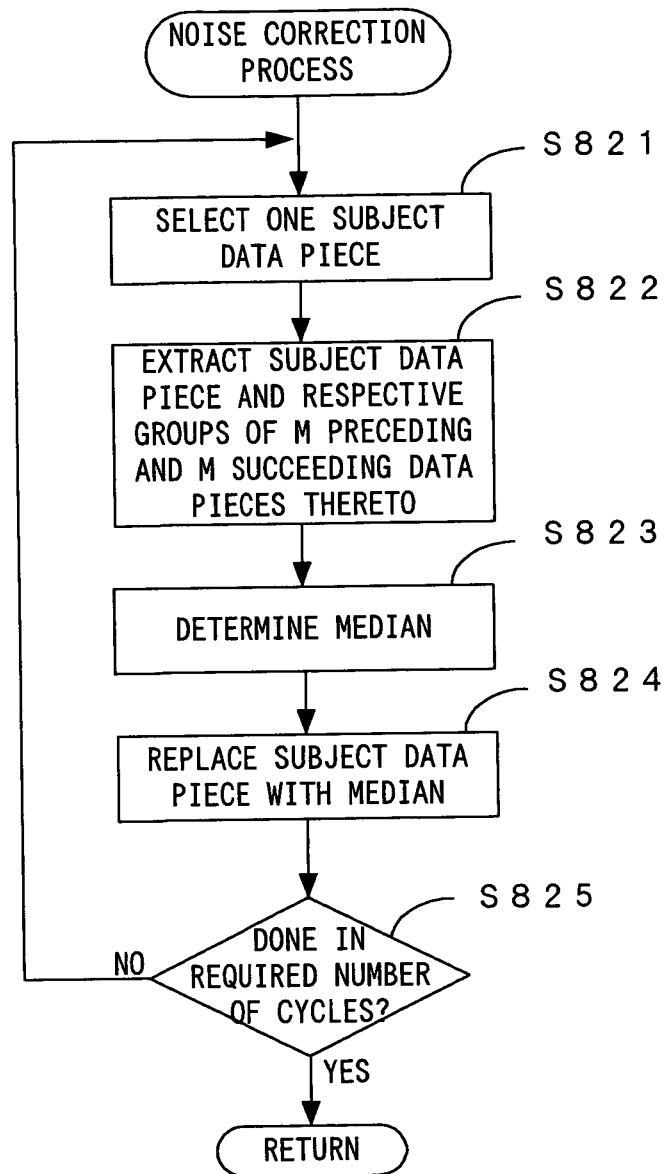


FIG. 27

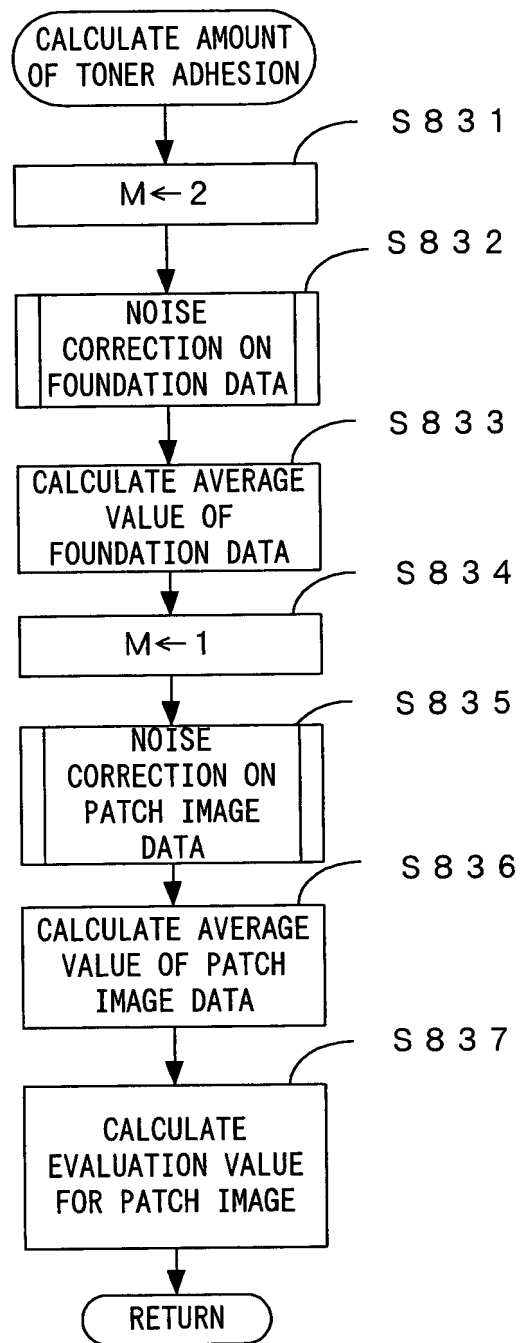
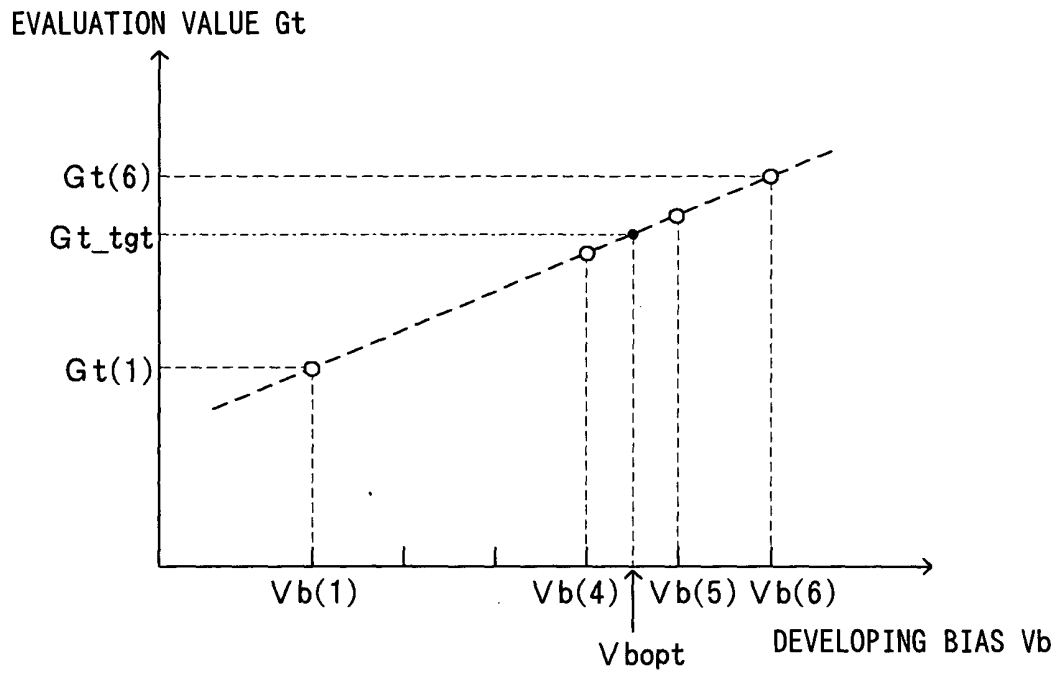


FIG. 28



F I G . 2 9

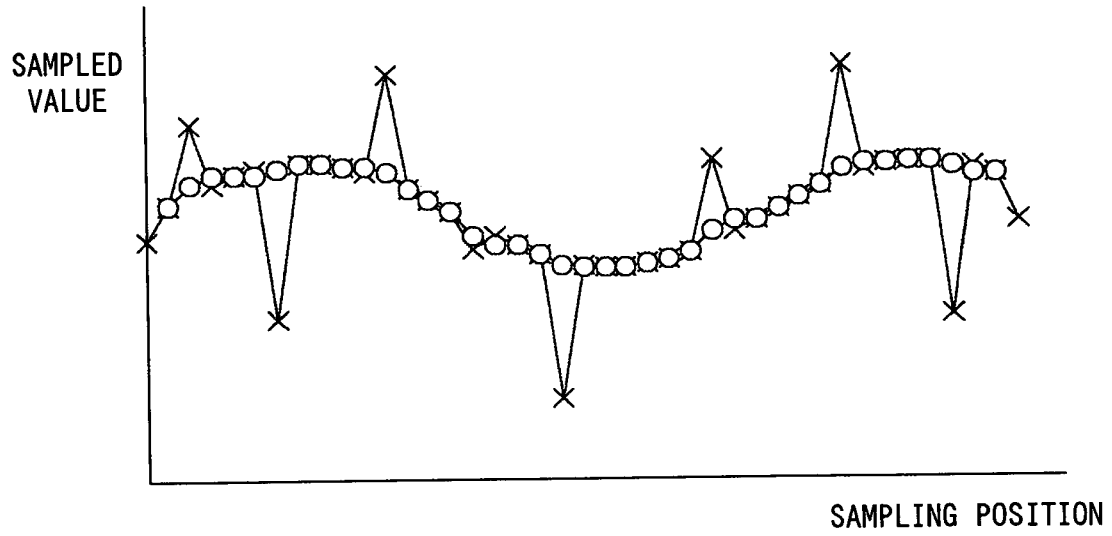


FIG. 30

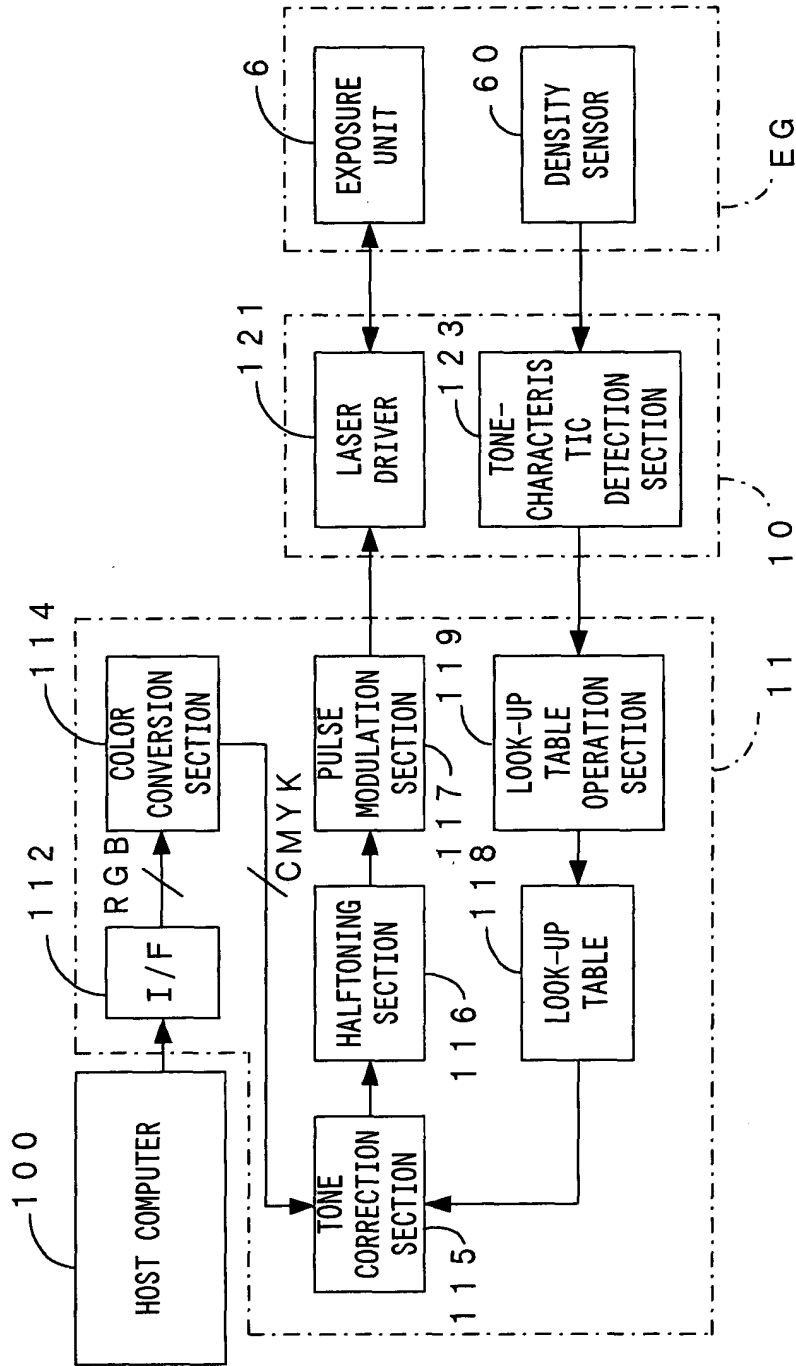


FIG. 31 A

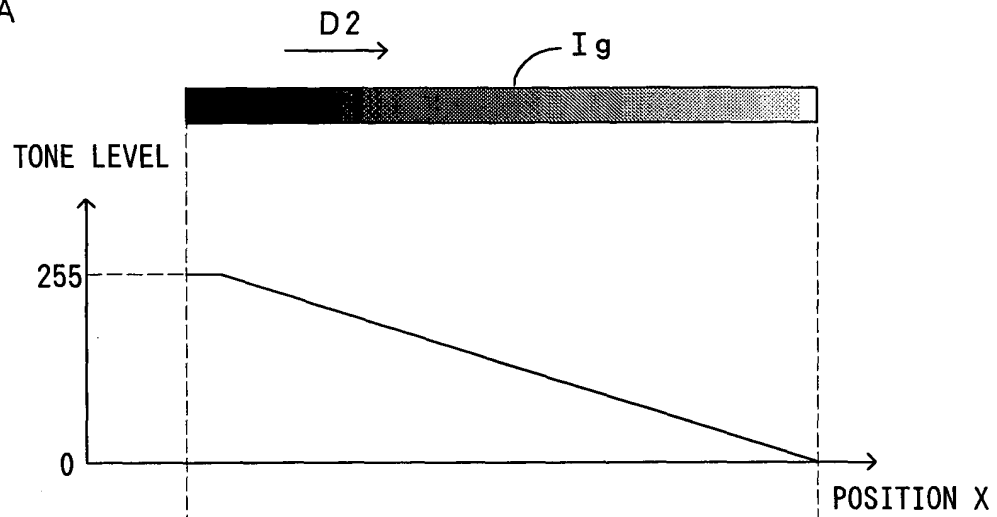


FIG. 31 B

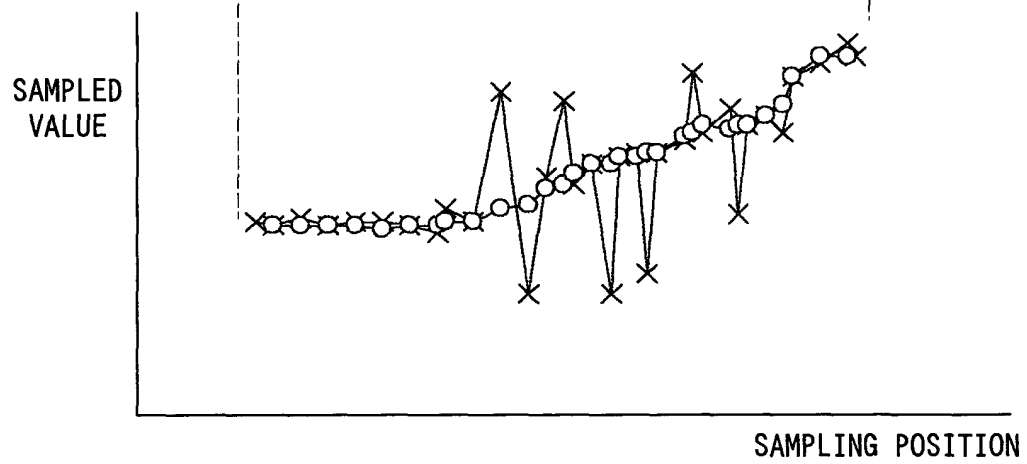


FIG. 32

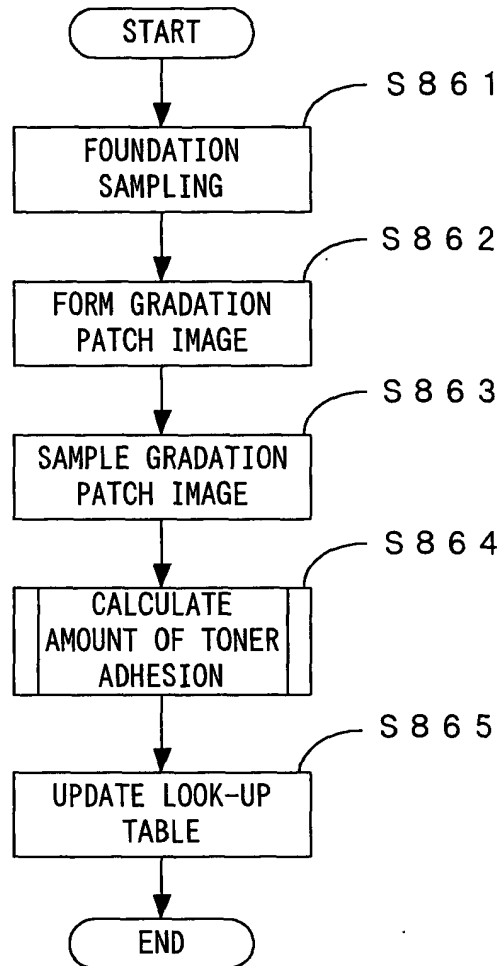




FIG. 33

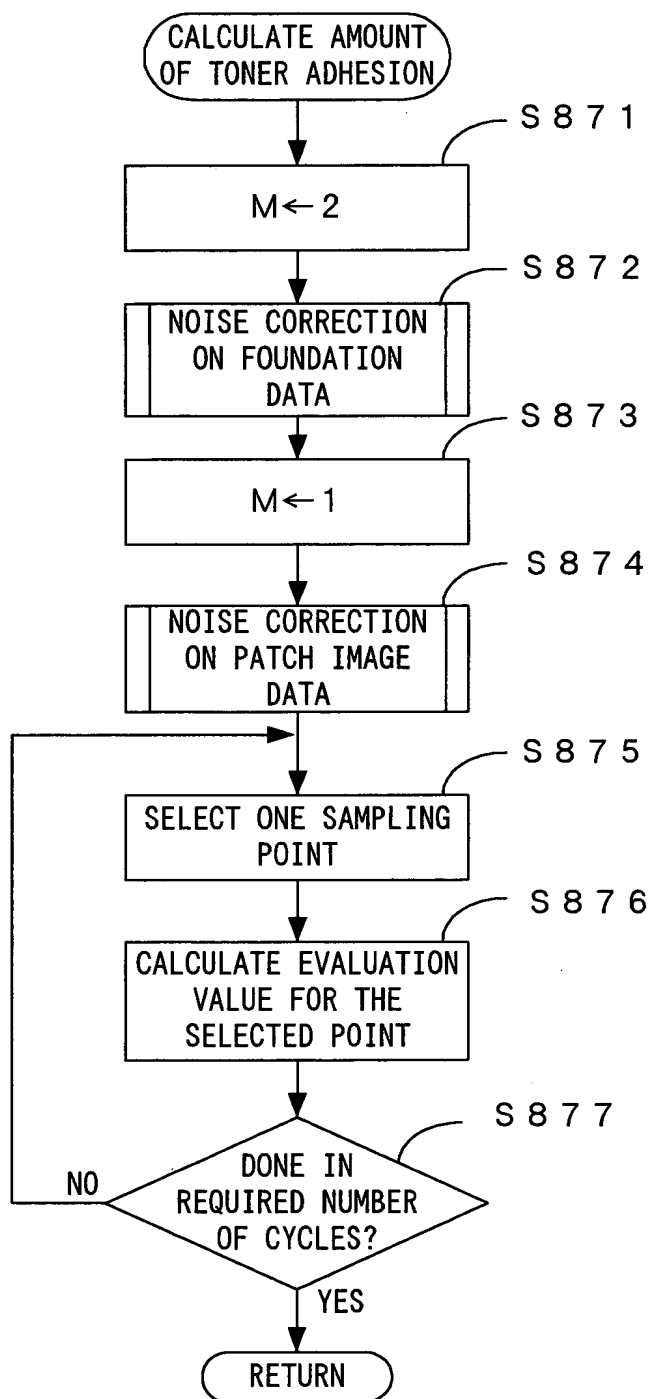


FIG. 34

